

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	618	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L2	1326	239/88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L3	2047	239/600	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L4	2025	239/585.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L5	1710	239/533.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L6	6116	L1 or L2 or L3 or L4 or L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L7	2415	L6 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L8	450	L7 and lock\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L9	0	L8 and receptance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43

L10	0	L6 and receptance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L11	0	L8 and double-tubed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L12	0	L8 and double-tube	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L13	55	L8 and double	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L14	413	L8 and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L15	40	L6 and (locking element)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L16	47	L6 and (locking ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L17	1007	239/533.9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L18	1102	239/585.5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L19	0	WO03016707	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L20	5	"03016707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43

L21	35	"4572436"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L22	52	"4022166"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L23	27	"5494223"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L24	1007	239/533.9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L25	618	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L26	1326	239/88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L27	2047	239/600	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L28	2025	239/585.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L29	1710	239/533.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L30	6116	L25 or L26 or L27 or L28 or L29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L31	643	L30 and weld	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43

L32	8	("20040046138" "6575385" "6685105" "6929192").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L33	5	"03016707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L34	293	L31 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L35	2	"20020043575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L36	9	"6685105"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L37	44	("20010032895" "20040074999" "20040124277" "4153200" "4728074" "4798186" "4858439" "5033442" "5176115" "5423482" "5709195" "5873526" "5884611" "5884848" "5979803" "6079641" "6142443" "6213414" "6253736" "6299074" "6302333" "6311950" "6313568" "6427968" "6543702" "6685105" "6712289" "6719264" "6948667" "6978770" "7073730").PN. OR ("6685105" "6752333" "6883725" "7066399" "7353806" "7484673").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L38	618	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L39	1326	239/88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43

L40	2047	239/600	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L41	2025	239/585.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L42	1710	239/533.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L43	6116	L38 or L39 or L40 or L41 or L42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L44	4676	L43 and (first and second)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L45	555	L44 and weld	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L46	162	L44 and (weld same needle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L47	0	("2007/0113405").URPN.	USPAT	ADJ	ON	2010/11/01 08:43
L48	18	("3053321" "3782630" "5193743" "5197672" "5232163" "5263648").PN. OR ("5395050").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L49	1103	L43 and (needle same (first and second))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L50	618	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L51	2	L43 and connection unit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L52	776	251/337	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43

L53	37	L52 and weld	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L54	45	"5241935"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L55	15	"4359895"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L56	1102	239/585.5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L57	2443	(239/585.1-585.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/11/01 08:43
L58	466	L57 and weld	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L59	163	L58 and (weld same needle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L60	4	(L54 or L55) and keeper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L61	17	matteucci-luca.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L62	7	squarcini-raffaele.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L63	6	"10123218"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43

L64	489	injector and keeper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L65	30	L64 and (second part)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L66	26658	injector and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L67	11	L66 and (needle near (second part))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L68	5019	injector and retainer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L69	80	L68 and (second part)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L70	4119	L68 and (second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L71	3118	L70 and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L72	1229	L71 and actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L73	694	L72 and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L74	10	("4471909" "4641784" "5106023" "5346136" "5593166" "5979790" "RE34945").PN. OR ("6360963").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43

L75	26	("4157012" "4365756" "4421280" "4463901" "4503826" "4687136" "4948049" "4987878" "5106023" "5242117" "5285756" "5315973" "5398657" "5505384" "5522545" "5626327" "5632444" "5752481" "5826801" "5894992" "5904300" "6073862").PN. OR ("6409096").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L76	20	"6279842"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L77	155	("2552960" "2697007" "2721100" "2759249" "3053461" "3598314" "3995813" "4022166" "4437644" "4471909" "4544096" "4545352" "4601269" "4605166" "4628881" "4641784" "4674688" "4684067" "4704999" "4771754" "4782794" "4784101" "4825830" "4946103" "4946132" "5106023" "5163463" "5244180" "5280773" "5346136" "5381817" "5482213" "5501425" "5518184" "5593166" "5601067" "5645226" "5660368" "5719791" "5784300" "5820101" "5868375" "5892315" "5979790" "6240905" "RE34945" "Re34945").PN. OR ("2001/0002681" "2001/0007338" "2002/0043575" "2008/0147017" "4987878" "5178362" "5241935" "6279842" "6360963" "6561436").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L78	35147	fuel injector	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L79	15	first needle part	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L80	16	second needle part	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43

L81	14	"5467745"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L82	2702	(251/337,57,129.06).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/11/01 08:43
L83	128	L82 and (fuel injector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L84	12	("4101076" "4803393" "4909440" "5630550" "6142443").PN. OR ("6460779").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L85	1362	(239/102.2).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/11/01 08:43
L86	3363	(123/498,467,468,472).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/11/01 08:43
L87	1517	(310/316.03,317,323.06).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/11/01 08:43
L88	101432	("403").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/11/01 08:43
L89	77955	needle same spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L90	138	L89 and L88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L91	6146	L85 or L86 or L87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
L92	742	L91 and L89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43

L93	5	("20010035164" "20020179062" "6062532" "6062533" "6766965").PN. OR ("7198202").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/01 08:43
L94	2	("2001/0035164").URPN.	USPAT	ADJ	ON	2010/11/01 08:43
L95	5	("5458292" "6189817" "6260775" "6705543" "6732948").PN.	USPAT	ADJ	ON	2010/11/01 08:43
L96	14	"6371528"	USPAT	ADJ	ON	2010/11/01 08:43
L97	35	(US-20010007338-\$ or US-20010002681-\$ or US-20020043575-\$ or US-20080147017-\$ or US-20080163852-\$ or US-20070164134-\$ or US-20070001027-\$ or US-20030160118-\$ or US-20010035163-\$ or US-20010035164-\$).did. or (US-6561436-\$ or US-5178362-\$ or US-5241935-\$ or US-6360963-\$ or US-4987878-\$ or US-6279842-\$ or US-7252245-\$ or US-5467754-\$ or US-5467745-\$ or US-6739528-\$ or US-6460779-\$ or US-6450417-\$ or US-4361286-\$ or US-7484673-\$ or US-7320441-\$ or US-7198202-\$ or US-7083114-\$ or US-7048209-\$ or US-6880769-\$ or US-6792921-\$ or US-6564777-\$ or US-6298829-\$ or US-5901685-\$ or US-4640252-\$).did. or (DE-10123218-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/11/01 08:43
L98	6	L97 and piezo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/11/01 08:43
S1	583	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:54
S2	1248	239/88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:54
S3	1890	239/600	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:54

S4	1843	:239/585.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:55
S5	1599	:239/533.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:55
S6	5676	:S1 or S2 or S3 or S4 or S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:55
S7	2244	:S6 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:55
S8	432	:S7 and lock\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:55
S9	0	:S8 and receptance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:55
S10	0	:S6 and receptance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:55
S11	0	:S8 and double-tubed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:56
S12	0	:S8 and double-tube	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:56
S14	54	:S8 and double	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:56
S15	397	:S8 and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 08:59

S16	36	S6 and (locking element)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:03
S17	42	S6 and (locking ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:06
S18	970	239/533.9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:37
S19	1011	239/585.5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:37
S20	0	WO03016707	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:38
S21	5	"03016707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:38
S22	35	"4572436"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:39
S23	52	"4022166"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:39
S24	25	"5494223"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:39
S25	970	239/533.9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/08 09:53
S26	583	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:58

S27	1248	:239/88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:58
S28	1891	:239/600	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:58
S29	1843	:239/585.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:58
S30	1600	:239/533.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:58
S31	5678	:S26 or S27 or S28 or S29 or S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:58
S32	606	:S31 and weld	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:58
S33	8	:"20040046138" "6575385" "6685105" "6929192").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:00
S34	5	:"03016707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:02
S35	280	:S32 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:11
S36	2	:"20020043575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 08:43
S37	7	:"6685105"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 11:16

S38	40	<p>"20010032895" "20040074999" "20040124277" "4153200" "4728074" "4798186" "4858439" "5033442" "5176115" "5423482" "5709195" "5873526" "5884611" "5884848" "5979803" "6079641" "6142443" "6213414" "6253736" "6299074" "6302333" "6311950" "6313568" "6427968" "6543702" "6685105" "6712289" "6719264" "6948667" "6978770" "7073730").PN. OR ("6685105" "6752333" "6883725" "7066399" "7353806" "7484673").URPN.</p>	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 11:17
S39	583	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 11:18
S40	1248	239/88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 11:18
S41	1891	239/600	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 11:18
S42	1843	239/585.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 11:18
S43	1600	239/533.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 11:18
S44	5678	S39 or S40 or S41 or S42 or S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 11:18
S45	4307	S44 and (first and second)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 11:18
S46	520	S45 and weld	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 11:19

S47	156	S45 and (weld same needle)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 11:19
S48	0	("2007/0113405").URPN.	USPAT	ADJ	ON	2009/04/13 11:36
S49	18	("3053321" "3782630" "5193743" "5197672" "5232163" "5263648").PN. OR ("5395050").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 11:37
S50	1023	S44 and (needle same (first and second))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 12:53
S51	583	239/456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 13:29
S52	2	S44 and connection unit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 13:29
S53	695	251/337	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 13:56
S54	29	S53 and weld	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 13:56
S55	43	"5241935"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 14:36
S56	14	"4359895"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 14:37
S58	1011	239/585.5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 14:39
S59	2283	(239/585.1-585.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/13 14:44
S61	442	S59 and weld	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 14:44

S62	155	S61 and (weld same needle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 14:46
S64	3	(S55 or S56) and keeper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/13 14:51
S65	17	matteucci-luca.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/14 07:44
S67	6	squarcini-raffaele.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/14 07:56
S68	6	"10123218"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/14 08:02
S69	477	injector and keeper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:51
S70	30	S69 and (second part)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:51
S71	24055	injector and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:52
S72	10	S71 and (needle near (second part))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:52
S73	4720	injector and retainer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:54
S74	67	S73 and (second part)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:54

S75	3865	S73 and (second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:54
S76	2931	S75 and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:55
S77	1145	S76 and actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:55
S78	657	S77 and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 08:57
S79	10	("4471909" "4641784" "5106023" "5346136" "5593166" "5979790" "RE34945").PN. OR ("6360963").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:02
S80	26	("4157012" "4365756" "4421280" "4463901" "4503826" "4687136" "4948049" "4987878" "5106023" "5242117" "5285756" "5315973" "5398657" "5505384" "5522545" "5626327" "5632444" "5752481" "5826801" "5894992" "5904300" "6073862").PN. OR ("6409096").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:03
S81	17	"6279842"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/11/05 09:24

S82	148	<p>("2552960" "2697007" "2721100" "2759249" "3053461" "3598314" "3995813" "4022166" "4437644" "4471909" "4544096" "4545352" "4601269" "4605166" "4628881" "4641784" "4674688" "4684067" "4704999" "4771754" "4782794" "4784101" "4825830" "4946103" "4946132" "5106023" "5163463" "5244180" "5280773" "5346136" "5381817" "5482213" "5501425" "5518184" "5593166" "5601067" "5645226" "5660368" "5719791" "5784300" "5820101" "5868375" "5892315" "5979790" "6240905" "RE34945" "Re34945").PN. OR ("2001/0002681" "2001/0007338" "2002/0043575" "2008/0147017" "4987878" "5178362" "5241935" "6279842" "6360963" "6561436").URPN.</p>	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/11 08:45
S83	33971	fuel injector	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/11 08:46
S84	15	first needle part	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/11 08:46
S85	16	second needle part	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/11 08:46
S86	14	"5467745"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/11 09:37
S88	2654	(251/337,57,129.06).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/11 10:35
S89	121	S88 and (fuel injector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/05/11 10:35
S90	12	<p>("4101076" "4803393" "4909440" "5630550" "6142443").PN. OR ("6460779").URPN.</p>	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/11 10:53

S91	1321	(239/102.2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/13 08:39
S92	3305	(123/498,467,468,472).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/13 08:39
S93	1465	(310/316.03,317,323.06).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/13 08:39
S94	100930	("403").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/05/13 08:39
S95	76467	needle same spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/05/13 08:40
S96	137	S95 and S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/05/13 08:40
S97	6002	S91 or S92 or S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/05/13 08:42
S98	719	S97 and S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/05/13 08:42
S107	5	("20010035164" "20020179062" "6062532" "6062533" "6766965").PN. OR ("7198202").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/13 10:49
S108	2	("2001/0035164").URPN.	USPAT	ADJ	ON	2010/05/13 11:49
S109	5	("5458292" "6189817" "6260775" "6705543" "6732948").PN.	USPAT	ADJ	ON	2010/05/13 11:50
S110	12	"6371528"	USPAT	ADJ	ON	2010/05/13 12:18

S111	35	(US-20010007338-\$ or US-20010002681-\$ or US-20020043575-\$ or US-20080147017-\$ or US-20080163852-\$ or US-20070164134-\$ or US-20070001027-\$ or US-20030160118-\$ or US-20010035163-\$ or US-20010035164-\$).did. or (US-6561436-\$ or US-5178362-\$ or US-5241935-\$ or US-6360963-\$ or US-4987878-\$ or US-6279842-\$ or US-7252245-\$ or US-5467754-\$ or US-5467745-\$ or US-6739528-\$ or US-6460779-\$ or US-6450417-\$ or US-4361286-\$ or US-7484673-\$ or US-7320441-\$ or US-7198202-\$ or US-7083114-\$ or US-7048209-\$ or US-6880769-\$ or US-6792921-\$ or US-6564777-\$ or US-6298829-\$ or US-5901685-\$ or US-4640252-\$).did. or (DE-10123218-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/05/13 12:36
S112	6	S111 and piezo	US-PGPUB; USPAT; USOCR; FPR; EPO; JPO; DERWENT	ADJ	ON	2010/05/13 12:36

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L100	20	((239/456,88,600,585.1,533.2,533.9,585.5,102.2) or (251/337,57,129.06) or (123/498,467,468,472) or (310/316.03,317,323.06)).CCLS.	UPAD	OR	OFF	2010/11/01 08:50

11/1/2010 9:22:02 AM

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